

**APPENDIX**

Page 29, lines 20-26 and page 30, lines 1-16:

The other partial clone (EST04033) was purchased from American Type Culture Collection in Rockville, MD (ATCC Catalog no. 82815). A telephone call to the Institute for Genomic Research revealed that it had been deposited at ATCC [under [insert terms]] recently. As far as can be determined, the present inventors were the first to completely sequence EST04033. The complete size of EST04033 was [3389] 3385 b.p. (SEQ. ID No. 1), with a 3318 b.p. nonplasmid insert (see SEQ ID No. 3). Within this sequence of EST04033 the remaining 783 base pairs of the coding sequence presumed for a 70 kDa imidazoline receptor were predicted at the 5' side of 5A-1 (i.e., 783 coding nucleotides unique to EST04033 + 1171 coding nucleotides of 5A-1 = 1954 predicted total coding nucleotides; assuming b.p.# 1397-1400 in SEQ. No. 1 encodes the initiating methinine). The entire 1954 b.p. coding region for an  $\approx$  70 kDa protein is shown in SEQ ID No. 2. The nucleotide sequence of EST04033 was determined in the same manner as described previously for the 5A-1 clone. The nucleotide sequence of the entire clone is shown in SEQ ID No. 1. In this sequence, an identical overlap was observed for the sequence obtained previously for the 5A-1 clone and the sequence obtained for EST04033. The 5A-1 overlap began at EST04033 b.p. 2,181 [(SEQ. No.1)] (SEQ ID No. 1) and continued to the end of the molecule (b.p. 3,351).